

- 9.** Write 2 related multiplication equations for each division equation.

a) $(+27) \div (+3) = +9$

b) $(+14) \div (-7) = -2$

c) $(-21) \div (-3) = +7$

d) $(-26) \div (+2) = -13$

- 10.** Use coloured tiles, a number line, or another model. Find each quotient.

a) $(+20) \div (+4)$ **b)** $(-24) \div (-6)$

c) $(+32) \div (-8)$ **d)** $(-36) \div (+4)$

- 11.** The water level in a well dropped 5 cm each hour. The total drop in the water level was 30 cm. Use integers to find how long it took for the water level to change.

- 4.** Will each quotient be positive or negative? How do you know?

a) $(-45) \div (+5)$

b) $(+16) \div (+8)$

c) $(+24) \div (-2)$

d) $(-30) \div (-6)$

- 5.** Find each quotient.

a) $(+12) \div (+4)$ **b)** $(-15) \div (-3)$

c) $(-18) \div (+9)$ **d)** $(+81) \div (-9)$

e) $(+72) \div (-8)$ **f)** $(-64) \div (-8)$

g) $(-14) \div (+1)$ **h)** $(+54) \div (-6)$

i) $(-27) \div (-3)$ **j)** $(+32) \div (+4)$

- 7. a)** Use each multiplication fact to find a related quotient.

i) Given $(+8) \times (+3) = +24$,
find $(+24) \div (+3) = \square$.

ii) Given $(-5) \times (-9) = +45$,
find $(+45) \div (-9) = \square$.

iii) Given $(-7) \times (+4) = -28$,
find $(-28) \div (+4) = \square$.

- b)** For each division fact in part a, write a related division fact.